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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,545	08/13/2001	Sathya Kavacheri	SUN-P6091	9829

7590 09/24/2004
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EXAMINER

BARQADLE, YASIN M

ART UNIT	PAPER NUMBER
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2153

DATE MAILED: 09/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929,545

Applicant(s)

KAVACHERI ET AL.

Examiner

Yasin M Barqadle

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) *
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-25 are presented for examination.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 20 recites the limitation "the wireless" in line 4. There is insufficient antecedent basis for this limitation in the claim.

3. Claim 20 is rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential elements, such omission amounting to a gap between the elements. See MPEP § 2172.01. The omitted elements are: in line 4, the claim reads "content to appear forcing the wireless to act as intermediary..." it is not the role of appear and forcing in this limitation.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Fishman et al US PUB No. (20020103935).

As per claim 1, Fishman et al teach wireless server system (fig. 2 and abstract) comprising:

an applications content locator module for locating wireless applications content (information such as email, calendar, contact, notification, stock, sports, etc is customize for particular clients ¶ 12 and 33) over multiple web-sites pertinent to a type of wireless client [fig. 2, ¶ 33-34]; and

an applications content aggregation service, in response to receiving a particular client type associated with a particular wireless client (the type of mobile client is identified from

Art Unit: 2153

client data ¶ 35), for dynamically presenting authorized aggregated content (subscribed content) in a format suitable to said wireless client based on said particular client type [transformed content is ensured to be appropriate for the each client ¶ 35-37 and ¶ 40], and

wherem said application content aggregation service is also for formatting selected content to said particular wireless client for presentation thereto [transform modules 254, 256 and 258, fig.2, transform contents based on operating characteristics associated with each mobile client ¶ 35-37 and ¶ 40].

As per claim 1, Fishman et al teach the wireless server system of Claim 1, further comprising an applications content source module to said content locator module for determining the source of content requested by said particular wireless [¶ 35-37 and ¶ 39-41].

As per claim 3, Fishman et al teach the wireless server system of claim 1, further comprising an automatic client detection service for automatically detecting (mobile content data such an email is received) and providing client type information of said particular wireless client [¶ 34-36].

Art Unit: 2153

As per claim 4, Fishman et al teach the wireless server system of Claim 3, wherein said particular client provides a service request to determine the type of content to be delivered to said particular client [¶ 35-37 and ¶ 39-41].

As per claim 5, Fishman et al teach the wireless server system of Claim 1, further comprising stored information pre-defining client type information of clients supported by said wireless server system [¶ 36 and ¶ 41].

As per claim 6, Fishman et al teach the wireless server system of Claim 1, further comprising content link rewriting logic (transform A-C, fig. 4) coupled to the content locator module for rewriting links embedded in said content (transforming Data object that include text, graphics, markup, and multimedia content) received from said web-sites for directing access from said link to go through said Wireless server system as an intermediary [¶ 48-50].

As per claim 7, Fishman et al teach the wireless server system of Claim 6, wherein said wireless server system with respect to said links acts as a proxy server between wireless client connecting to said wireless server system and back-end resource servers in which said content reside [fig. 3 and 4, ¶ 48-50].

Art Unit: 2153

As per claim 8, Fishman et al teach the wireless server system of claim 7, wherein said particular client is a hand-held device [¶ 33].

As per claim 9, Fishman et al teach the wireless server system of Claim 8, wherein said particular client is a wireless phone [¶ 27].

As per claim 10, Fishman et al teach the wireless serve system of claim 9, wherein said particular client is a wireless personal computer system [13 and 27].

As per claim 11, Fishman et al teach client aware applications content location and retrieval system in a wireless network comprising:

- a wireless server (250, fig.2);

- a plurality of classes of wireless clients (274, 276 and 27 fig. 2), each of said classes of wireless clients comprising unique identification parameters [mobile client data is examined to identify the mobile clients ¶ 40-41. see also ¶ 35]; and

- a client aware content location service for providing content location and retrieval procedures in response to client type identifications of content access requests from said wireless clients [¶ 37-41].

Art Unit: 2153

As per claim 12, Fishman et al teach the aware content location and retrieval system of Claim 11, further comprising a client aware content aggregation module coupled to said content locator service for aggregating client aware content gathered from a plurality of web-sites over the Internet for presentation in a format suitable for said wireless client [¶ 33-40].

As per claim 13, Fishman et al teach the client aware content location and retrieval system of Claim 11, wherein the content location service includes a client aware content aggregation logic for formatting content specific to a wireless client type [transform modules 254, 256 and 258, fig. 2, transform contents based on operating characteristics associated with each mobile client ¶ 33-37 and ¶ 40].

As per claim 14, Fishman et al teach the client aware content location and retrieval system of Claim 12, wherein said location and retrieval service further comprises a client aware content source module for identifying content location over said plurality of web-sites in response to the client type information provided by said plurality of classes of wireless clients [¶ 37-41].

As per claim 15, Fishman et al teach the client aware content location and retrieval system of Claim 11, further comprising a content link re-writing module coupled to said content locator

Art Unit: 2153

service for rewriting links indexing to content scrapped from variety of web-sites [¶ 39-41].

As per claim 16, Fishman et al teach the client aware content location and retrieval system of claim 15, wherein said content is provided in responsive to said particular client provided said content is authorized to said particular client and is aggregated for said particular client [¶ 39-40].

As per claim 17, Fishman et al teach wireless server (fig. 2), comprising:

- a client aware content locator service for providing information gathered from a plurality of resource servers in a coherent and cohesive format to a client in a client aware fashion based for each respective client type [data objects are customized and transformed for particular client device ¶ 33-36 and ¶ 46-50]; and

- a profile service logic for storing client profile information for said clients accessing said wireless server [¶ 14 and ¶ 40-41].

As per claim 18, Fishman et al teach the wireless server of claim 17, wherein said client aware content locator comprises a client aware content source service for identifying the source of said

Art Unit: 2153

content in said plurality of locations for a particular client and for presenting content suitably formatted for said client [¶ 15 and ¶ 35-37].

As per claim 19, Fishman et al teach the wireless server of claim 18, wherein said content locator further comprises a client aware content aggregator coupled to said client aware content source service to aggregate content gathered from said plurality of location into a consolidated formatted content suitable for presentation to said particular client in a client aware manner [fig. 2 & 3, ¶ 33-36 and ¶ 39-41].

As per claim 20, Fishman et al teach the wireless server of Claim 18, wherein said content locator further comprises a content rewriting service for rewriting links indexing the source of content scrapped from said plurality of locations in order for the scrapped content to appear forcing the wireless to act as an intermediary to said particular client [¶ 48-50].

As per claim 21, Fishman et al teach the wireless server of claim 20, wherein said plurality of content locations are web sites coupled to communicate on the Internet [¶ 33 and ¶ 47-50].

Art Unit: 2153

As per claim 22, Fishman et al teach the wireless server of Claim 22 wherein said aggregated content comprises a wireless handheld markup language [¶ 48-50].

As per claim 23, Fishman et al teach the wireless server of claim 22, wherein said client type information is extensible to dynamically include run-time content parameters unique to said client [¶ 33-35].

As per claim 24, Fishman et al teach the wireless server of Claim 23, wherein said wireless server further comprises a content provider service for selecting content pertinent and uniquely identifiable to said client [¶ 35-37].

As per claim 25, Fishman et al teach the wireless server of claim 24, wherein said provider service further comprise availability logic for determining whether content selected by said client is available for presentation to said client [¶ 38-39].

Conclusion

The prior made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin

Art Unit: 2153


Barqadle whose telephone number is 703-305-5971. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be reached on 703-305-4792. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Yasin Barqadle

Art Unit 2153


FRANTZ B. JEAN
PRIMARY EXAMINER